

Rail Transit Safety Engineer

Public Utilities Engineer

Agency Name:	Dept. of Public Utilities
Official Title:	Public Utilities Engineer
Functional Title:	Rail Transit Safety Engineer
Occupational Group:	Professional Engineering
Position Type:	Civil Service
Full-Time or Part-Time:	Full-Time
Salary Range:	\$51,431.38 to \$68,528.72 Annually
Bargaining Unit:	09
Shift:	Day
Confidential:	No
Number Of Vacancies:	1
City/Town:	Boston
Region:	BOSTON
Facility Location:	DPU Office: One South Station, Boston, MA 02110 Rail Transit Engineers provide state-wide coverage.
Application Deadline:	06-14-2011
Apply Online:	No
Posting ID:	J25767

This position is funded from the Commonwealth's annual operating budget.

Duties:

The incumbent: Conducts engineering studies and safety analysis on rapid transit rail fixed guide-way systems, activities, services, and functions required by Department and Federal Transit Administration (FTA) rules, regulations and orders; review documents, reports, and other memoranda on such matters as accidents, equipment, failures, derailments, and other safety violations; analyze rail fixed guideway system safety plan for compliance; prepare recommendations for corrective action; prepare periodic audit reports for submission to FTA; Prepare and /or review engineering proposals for public highway /grade crossing systems to improve the design of control devices and systems and review proposals for modification or installation of railroad crossing warning devices and interlocking systems to ensure compliance with all applicable safety standards. Perform related work such as recommending the posting of signs, barriers and other traffic controls. Prepare written reports and make recommendations as requested. Perform related duties as required.

Qualifications:

Minimum Entrance Requirements:

Applicants must have at least (A) four years of full- time, or equivalent part-time, technical or professional experience in mechanical engineering or electrical engineering work, the major duties of which included the design, construction or operation of facilities for the generation, transmission and/or distribution of light, heat and power and (B) of which at least two years must have been in a professional capacity, or (C) any equivalent combination of the required experience and the substitutions below.

Substitutions:

I. An Associates degree with a major in mechanical engineering, mechanical engineering technology, electrical engineering or electrical engineering technology may be substituted for a maximum of one year of the required (A) experience.*

II. A Bachelor's degree with a major in mechanical engineering, mechanical engineering technology, or electrical engineering technology or electrical engineering may be substituted for a maximum of two years of the required (A) experience.*

III. A Graduate degree with a major in mechanical engineering, mechanical engineering technology, or electrical engineering technology may be substituted for a maximum of two years of the required (A) experience and one year of the required (B) experience.*

*Education toward such a degree will be prorated on the basis of the proportion of the requirements actually completed.

NOTE: Educational substitution will only be permitted for a maximum of one year of the required (B) experience.

Special Requirements: Possession of a current and valid Massachusetts Class D Motor Vehicle Operator's license.

Comments:

- Salary is commensurate with experience.
- Federal Railroad Administration certification may be required.
- The successful candidate may be required to attend transit safety training held out of state.
- This is a Civil Service Position. If there is no civil service list for this title, employees appointed must take and pass the next Civil Service examination when administered.

How To Apply:

Please send resume and cover letter by 5:00 p.m. on the deadline date to:

Timothy J. Shevlin, Jr.
Executive Director
Department of Public Utilities
One South Station

Boston, MA 02110

Please reference the Job Posting number J25767 when applying. Do not fax or e-mail applications.

Agency Web Address:

www.mass.gov/dpu

Diversity Officer:

Ms. Gail Soares, (617) 305-3692

An Equal Opportunity/Affirmative Action Employer. Females, minorities, veterans, and persons with disabilities are strongly encouraged to apply.